Complete if Known Substitute for form 1449/PTO Application Number 10/551,152 INFORMATION DISCLOSURE September 25, 2006 Filing Date STATEMENT BY APPLICANT **First Named Inventor** Samuel J. Danishefsky Art Unit 1626 (Use as many sheets as necessary) Robert H. Havlin Examiner Name Sheet 1 of 4 2003080-0205 Attorney Docket Number

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initials*	No.1	Number-Kind Code ² (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
	A1*	US-20070037852	02-15-2007	Danishefsky et al.					
		(corresponds to U.S. 60/458,827)							
		(corresponds to U.S. 60/496,165)							
	A2*	US-20070037783	02-15-2007	Huang et al.					
		(corresponds to U.S. 60/458,827)		_					
		(corresponds to U.S. 60/496,165)							

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at **\text{WMARCHINGER}* or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials [*]	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Abiko, A.; Liu, J. F.; Masamune, S. <i>J. Am. Chem. Soc.</i> 1997 , <i>119</i> , 2586	
	C2	Ahmar, M.; Duyck, C.; Fleming I. J. Chem. Soc., Perkin Trans. 1 1998, 2721	
	C3	Asami, Y.; Kakeya, H.; Onose, R.; Yoshida, A.; Matsuzaki, H.; Osada, H. <i>Org. Lett.</i> 2002 , <i>4</i> , 2845	
	C4	Aslakson, C. J., and Miller, F. R. 1992. Selective events in the metastatic process defined by analysis of the sequential dissemination of subpopulations of a mouse mammary tumor. Cancer Research 52: 1399-1405	
	C5	Biswas, K.; Lin, H.; Njardarson, J. T.; Chappell, M. D.; Chou, T. C.; Guan, Y.; Tong, W. P.; He, L.; Horwitz, S. B.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2002 , <i>124</i> , 9825	
	C6	Blanchette et al., Tet. Lett., 1984, 25, 2183	
	C7	Boden, E. P.; Keck, G. E. J. Org. Chem. 1985, 50, 2394	
	C8	Brower, V. Nat. Biotechnol. 1999, 17, 963	
	C9	Capitosti, S. M.; Hansen, T. P.; Brown, M. L. Bioorg. Med. Chem. 2004, 12, 327	
	C10	Carmeliet, P. Nat. Med. 2003, 9, 653	
	C11	Chan, J.; Jamison, T. F. J. Am. Chem. Soc. 2003, 125, 11514	
	C12	Chaomin, L.; Bardhan, S.; Pace, E. A.; Liang, M. C.; Gilmore, T. D.; Porco Jr., J. A. <i>Org. Lett.</i> 2002 , <i>4</i> , 3267	
	C13	Chun, J.; Li, G.; Byun, H. S.; Bittman, R. <i>J. Org. Chem.</i> 2002 , <i>67</i> , 2600	
	C14	Cristofanilli, M.; Chamsangavej, C.; Hortobagyi, G. N. Nat. Rev. Drug Discovery 2002, 1, 415	
	C15	Crystallographic data (excluding structural data) for compound 24 have been deposited with the Cambridge Crystallographic Data Centre (CCDC) as Deposition No. CCDC 230121	
	C16	D'Amato, R. J.; Loughnan, M. S.; Flynn, E.; Folkman, J. Proc. Natl. Acad. Sci. 1994, 91, 4082	

Examiner	Da	ate	
Signature	Co	onsidered	

Complete if Known Substitute for form 1449/PTO Application Number 10/551,152 **INFORMATION DISCLOSURE** Filing Date September 25, 2006 **STATEMENT BY APPLICANT** Samuel J. Danishefsky **First Named Inventor** Art Unit 1626 (Use as many sheets as necessary) Robert H. Havlin Examiner Name 2 4 2003080-0205 Sheet of Attorney Docket Number

104-	The state of the s
C17	Danishefsky et al., J. Am. Chem. Soc., 1985, 107, 1256
C18	Danishefsky, S. J. Aldrichimica Acta 1986, 19, 59
C19	Danishefsky, S. J. et al.; J. <i>J Am. Chem. Soc.</i> 1979 , <i>101</i> , 7001
C20	Danishefsky, S. J., Kitahara, T. <i>J. Am. Chem. Soc.</i> 1974 , 96, 7807
C21	Danishefsky, S. J.; Kato, N.; Askin, D.; Kerwin Jr. , J. F. <i>J. Am. Chem. Soc.</i> 1982 , <i>104</i> , 360
C22	Danishefsky, S. J.; Masters, J. J.; Young, W. B.; Link, J. T.; Snyder, L. B.; Magee, T. V.; Jung, D. K.; Isaacs, R. C. A.; Bornmann, W. G.; Alaimo, C. A.; Coburn, C. A.; DiGrandi, M. J. <i>J. Am. Chem.</i> Soc. 1996 , <i>118</i> , 2843
C23	Danishefsky, S.J. Chemtracts 1989, 2, 273 (downloaded as two separate pdfs)
C24	Deplanque, G ; Harris, A. L. <i>Eur. J Cancer</i> 2000 , <i>36</i> , 1713
C25	Dess, D. B.; Martin, J. C. <i>J. Am. Chem. Soc.</i> 1991 , <i>113</i> , 7277
C26	Dixon, D. J.; Krause, L.; Ley, S. V. <i>J. Chem. Soc., Perkin Trans.</i> 1, 2001 , 2516
C27	Dredge, K.; Dalgleish, A. G.; Marriott, J. B. Anti-Cancer Drugs 2003, 14, 331
C28	Duffey, M. O.; LeTiran, A.; Morken, J. P. J. Am. Chem. Soc. 2003, 125, 1458
C29	Edmonds, M. K.; Abell, A. D. J. Org. Chem. 2001, 66, 3747
C30	Egawa, Y. et al.; Chem. Pharm. Bull. 1963, 11, 589
C31	Eng, H. M.; Myles, D. C. Tetrahedron Lett. 1999, 40, 2279
C32	Evans et al., J. Am. Chem. Soc., 2002 , 124, 392
C33	Fenteany, G.; Zhu, S. Curr. Top. Med. Chem. 2003, 3, 593
C34	Ferrier, J Chem. Soc., 1964, 5443
C35	Garbaccio, R. M.; Stachel, S. J.; Baeschlin, D. K.; Danishefsky, S. J. J. Am. Chem. Soc. 2001, 123, 10903
C36	Gaul, C. et al.; J. Am. Chem. Soc. 2003, 125, 6042
C37	Gaul, C. et al.; J. Am. Chem. Soc. 2004, 126(4), 1038-1040
C38	Harris, C. R.; Danishefsky, S. J. J. Org. Chem. 1999, 64, 8434
C39	Hayashi, Y.; Shoji, M.; Yamaguchi, J.; Sato, K.; Yamaguchi, S.; Mukaiyama, T.; Sakai, K.; Asami, Y.; Kakeya, H.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , <i>124</i> , 12078
C40	Hirai, K.; Ooi, H.; Esumi, T.; Iwabuchi, Y.; Hatakeyama, S. Org. Lett. 2003, 5, 857
C41	Hochlowski, J. E.; Whittern, D. N.; Hill, P.; McAlpine, J. B. J. Antibiot. 1994, 47, 870
C42	Inanaga et al., Bull. Chem. Soc. Jpn., 1979 , 52, 1989
C43	Jorgensen et al., J. Org. Chem., 2001, 66, 4630
C44	Jung, H. J.; Lee, H. B.; Kim, C. J.; Rho, J. R.; Shin, J.; Kwon, H. J. J. Antibiot. 2003, 56, 492
C45	Kadam, S.; McAlpine, J.B. <i>J. Antibiot.</i> 1994 , <i>47</i> , 875
C46	Kakeya, H.; Onose, R.; Koshino, H.; Yoshida, A.; Kobayashi, K.; Kageyama, S. I.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , <i>124</i> , 3496
C47	Kakeya, H.; Onose, R.; Yoshida, A.; Koshino, H.; Osada, H. J. Antibiot. 2002, 55, 829
C48	Kantarjian, H. M. Curr. Opin. Oncol. 2001, 12(6), 564-573
C49	Karwowski, J. P.; Jackson, M.; Sunga, G.; Sheldon, P.; Poddig, J. B.; Kohl, W. L.; Adam, S. <i>J. Antibiot.</i> 1994 , <i>47</i> , 862
C50	Katzenellenbogen, J. A. et al.; J. Chem. Soc., Perkin Trans. 1 1998, 2721
C51	Kerbel, R.; Folkman, <i>J. Nat. Rev. Cancer</i> 2003 , 2, 727
C52	Kitaori, K., Furukawa, Y., Yoshimoto, H.; Otera, <i>J. Tetrahedron</i> 1999 , <i>55</i> , 14381
C53	Klohs, W. D.; Hamby, J. M. Curr. Opin. Biotechnol. 1999, 10, 544
C54	Kondo, H.; Oritani, T.; Kiyota, H. Eur. <i>J. Org. Chem.</i> 2000 , 3459
C55	Lauffenburger, D. A.; Horwitz, A. F. <i>Cell</i> 1996 , <i>84</i> , 359
	Lee, W. W.; Chang, S. Tetrahedron: Asymmetry 1999, 10, 4473

Examiner	Date	
Signature	Considered	

Sub	ostitute for form 1449/PTO			Complete if Known		
				Application Number	10/551,152	
l IN	NFORMATION	1 DI	SCLOSURE	Filing Date	September 25, 2006	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Samuel J. Danishefsky	
				Art Unit	1626	
	(Use as many sh	eets as	s necessary)	Examiner Name	Robert H. Havlin	
Sheet	3	of	4	Attorney Docket Number	2003080-0205	

1057	TU D D Wa W I ON I T V O O WHAT DOOR 44
C57	Li, D. R.; Xia, W. J.; Shi, L.; Tu, Y. Q. Synthesis 2003, 41
C58	Lin, S.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2001 , <i>40</i> (10), 1967-1970
C59	Luche et al., J. Am. Chem. Soc., 1979, 101, 5848
C60	Mahoney et al., J. Am. Chem. Soc., 1988, 110, 291
C61	Mattson, M. P.; Furukawa, K. Apoptosis 1997, 2, 257
C62	Mehta, G.; Islam, K. Tetrahedron Lett. 2003, 44, 3569
C63	Miller, F. R., Miller, B. E., and Heppner, G. H. 1983. Characterization of metastatic heterogeneity among subpopulations of a single mouse mammary tumor : heterogeneity in phenotypic stability. Invasion Metastasis 33: 22-31
C64	Mukaiyama, T. <i>Agnew. Chem. Int. Ed.</i> 1979 , <i>18</i> , 707
C65	Mukaiyama, T., Usui, M.; Shimada, E.; Saigo, K. Chem. Lett. 1975, 1045
C66	Myers, A. G.; Siu, M.; Ren, F. J. Am. Chem. Soc. 2002, 124, 4230
C67	Nakae K.; Yoshimoto, Y.; Sawa, T.; Homma, Y.; Hamada, M.; Takeuchi, T.; Imoto, M. <i>J Antibiotics</i> (2000), <i>53</i> ,1130-1136
C68	Ogasawara, M.; Matsubara, T.; Suzuki, H. Biol. Pharm. Bull. 2001, 24, 720
C69	Ogasawara, M.; Matsubara, T.; Suzuki, H. Biol. Pharm. Bull. 2001, 24, 917
C70	Ogasawara, M.; Matsunaga, T.; Takahashi, S.; Saiki, I.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2002 , 25, 1491
C71	Prakash, G. K. S.; Krishnamurti, R.; Olah, G. A. J. Am. Chem. Soc. 1989, 111, 393
C72	Pulaski, B. A., and Ostrand-Rosenberg, S. 1998. Reduction of established spontaneous mammary carcinoma metastases following immunotherapy with major histocompatibility complex class II and B7.1 cell-based tumor vaccines. Cancer Res 58: 1486-1493
C73	Raje, N.; Anderson, K. C. Curr. Opin. Oncol. 2002, 14, 635
C74	Reetz, M. T.; Kessler, K. J. Org. Chem. 1985, 50, 5434
C75	Rivkin, A.; Yoshimura, F.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Tong, W. P.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2003 , <i>125</i> , 2899
C76	Roskelley, C. D.; Williams, D. E.; McHardy, L. M.; Leong, K. G.; Troussard, A.; Karsan, A.; Andersen, R. J.; Dedhar, S.; Roberge, M. <i>Cancer Res.</i> 2001 , <i>61</i> , 6788
C77	Scappaticci, F. A. J Clin. Oncol. 2002, 20, 3906
C78	Scholl et al., Org. Lett., 1999 , 1, 953
C79	Scholl, M.; Trnka, T. M.; Morgan, J. P.; Grubbs, R. H <i>Tetrahedron Lett.</i> 1999 , <i>40</i> , 2247
C80	Seco, J. M.; Latypov, S. K.; Quinoa, E.; Riguera, R. <i>Tetrahedron</i> 1997 , <i>53</i> , 8541
C81	Seco, J. M.; Quinoa, E.; Riguera, R. <i>Tetrahedron: Asymmetry</i> 2000 , <i>11</i> , 2781
C82	Shiozawa, H.; Takahashi, M.; Takatsu, T.; Kinoshita, T.; Tanzawa, K.; Hosoya, T.; Furuya, K.; Furihata, K.; Seto, H. <i>J. Antibiot.</i> 1995 , <i>48</i> , 357
C83	Shoji, M.; Yamaguchi, J.; Kakeya, H.; Osada, H.; Hayashi, Y. <i>Angew. Chem. Int. Ed.</i> 2002 , <i>41</i> , 3192
C84	Smith III, A. B.; Frohn, M. Org. Lett. 2001, 3, 3979
C85	Song et al., Org. Lett., 2002 , <i>4</i> , 647
C86	Stachel, S. J.; Biswas, K.; Danishefsky, S. J. Curr. Pharm. Des. 2001, 7, 1277
C87	Stachel, S.J.; Lee, C.B.; Spassova, M.; Chappell, M.D.; Bornmann, W.G.; Danishefsky, S.J.J. Org. Chem. 2001, 66, 4369
	Sugawara, K.; Nishiyama, Y.; Toda, S.; Komiyama, N.; Hatori, M.; Moriyama, T.; Sawada, Y.; Kamei, H.; Konishi, M.; Oki, T. <i>J. Antibiot.</i> 1992 , <i>45</i> , 1433
C88	
C88 C89 C90	Takayasu, Y.; Tsuchiya, K.; Aoyama, T.; Sukenaga, Y. <i>J. Antibiot.</i> 2001 , <i>54</i> , 1111 Takayasu, Y.; Tsuchiya, K.; Sukenaga, Y. <i>J. Antibiot.</i> 2002 , <i>55</i> , 337

Examiner	Date	
Signature	Considered	

Sub	ostitute for form 1449/PTO			Complete if Known		
				Application Number	10/551,152	
l IN	NFORMATION	1 DI	SCLOSURE	Filing Date	September 25, 2006	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Samuel J. Danishefsky	
				Art Unit	1626	
	(Use as many sh	eets as	s necessary)	Examiner Name	Robert H. Havlin	
Sheet	4	of	4	Attorney Docket Number	2003080-0205	

T		
C92	Tebbe, F. N.; Parshall, G. W.; Reddy, G. S. <i>J. Am. Chem. Soc.</i> 1978 , <i>100</i> , 3611	
C93	Trost, B. M.; Bunt, R. C.; Pulley, S. R. <i>J. Org. Chem.</i> 1994 , <i>5</i> 9, 4202	
C94	Wakabayashi, T.; Kageyama, R.; Naruse, N.; Tsukahara, N.; Funahashi, Y.; Kitoh, K.; Watanabe, Y. <i>J. Antibiot.</i> 1997 , <i>50</i> , 671	
C95	Williams, D. E.; Craig, K. S.; Patrick, B.; McHardy, L. M.; van Soest, R.; Roberge, M.; Andersen, R. J. <i>J. Org. Chem.</i> 2002 , <i>67</i> , 245	
C96	Williams, D. E.; Lassota, P.; Andersen, R. J. J. Org. Chem. 1998, 63, 4838	
C97	Woodhouse, E. C.; Chuaqui, R. F.; Liotta, L. A. Cancer 1997, 80 (S8), 1529	
C98	Xiang, G.; McLaughlin, L. W. Tetrahedron 1998, 54, 375	
C99	Yamamoto, K.; Garbaccio, R. M.; Stachel, S. J.; Solit, D. B.; Chiosis, G.; Rosen, N.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , <i>42</i> , 1280	
C100	Yamamoto, K.; Biswas, K.; Gaul, C.; Danishefsky, S. J. Tetrahedron Lett. 2003, 44, 3297	
C101	Yang, Z. Q.; Danishefsky, S. J. J. Am. Chem. Soc. 2003, 125, 9602	
C102	Yang, Z. Q.; Kwok, B. Ho; Lin, S.; Koldobskiy, M. A.; Crews, C. M.; Danishefsky, S. J. Chembiochem 2003 , 6, 508	
C103	Yoshimura, F.; Rivkin, A.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Sukenick, G.; Morel, F. F.; Taylor, R. E.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , <i>42</i> , 2518	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	/Pohort Hoylin/ (01/97/9010)	Date	04/07/0040
Signature	/Hobert Havlin/ (01/27/2010)	Considered	l 01/27/2010 l

¹Applicant's unique citation designation number (optional). 2Applicant is to place a check mark here if English language Translation is attached.